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Term	Documents
AGONIST.DWPI,TDBD,EPAB,JPAB,USPT.	15363
AGONISTS.DWPI,TDBD,EPAB,JPAB,USPT.	15058
ANTAGONIST.DWPI,TDBD,EPAB,JPAB,USPT.	29663
ANTAGONISTS.DWPI,TDBD,EPAB,JPAB,USPT.	32564
(4 AND (AGONIST OR ANTAGONIST)).USPT,JPAB,EPAB,DWPI,TDBD.	2

**Database:**

US Patents Full-Text Database  
 JPO Abstracts Database  
 EPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

14 and (agonist or antagonist)

**Refine Search:****Clear****Search History****Today's Date: 2/21/2001**

<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
USPT,JPAB,EPAB,DWPI,TDBD	14 and (agonist or antagonist)	2	<u>L5</u>
USPT,JPAB,EPAB,DWPI,TDBD	12 and (alpha1 or alpha 1 or alpha-1)	5	<u>L4</u>
USPT,JPAB,EPAB,DWPI,TDBD	12 and (alpha1 subunit or alpha 1 subunit or alpha-1 subunit)	0	<u>L3</u>
USPT,JPAB,EPAB,DWPI,TDBD	11 and (t-type or t type)	42	<u>L2</u>
USPT,JPAB,EPAB,DWPI,TDBD	calcium channel	3398	<u>L1</u>

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Term	Documents
ALPHA1.DWPI,TDBD,EPAB,JPAB,USPT.	1004
ALPHA1S	0
ALPHA.DWPI,TDBD,EPAB,JPAB,USPT.	450654
ALPHAS.DWPI,TDBD,EPAB,JPAB,USPT.	311
"1".DWPI,TDBD,EPAB,JPAB,USPT.	15934045
1S.DWPI,TDBD,EPAB,JPAB,USPT.	10580
ALPHA-1.DWPI,TDBD,EPAB,JPAB,USPT.	1546
ALPHA-1S	0
(2 AND ((ALPHA1 OR ALPHA-1) OR (ALPHA ADJ "1"))).USPT,JPAB,EPAB,DWPI,TDBD.	5

**Display**

20

Documents, starting with Document:

5

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DERWENT-ACC-NO: 2000-271475  
DERWENT-WEEK: 200034  
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TITLE: Novel nucleic acids encoding pancreatic T-type calcium channels used for regulation of T-type calcium channels and treatment of type II diabetes

INVENTOR: LI, M

PRIORITY-DATA: 1999US-0117399 (January 27, 1999),  
1998US-0098004 (August 26, 1998)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
AU 9960217 A	April 3, 2000	N/A	000	C12Q001/68
WO 200015845 A1	March 23, 2000	E	124	C12Q001/68

INT-CL (IPC): C07H 21/04; C07K 14/435; C07K 14/705; C12N 15/12;  
C12Q 1/68

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWMC	Draw Desc	Clip Img	Image
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☐ 5. Document ID: EP 1042468 A2, WO 9928342 A2, AU 9918026 A

L4: Entry 5 of 5                      File: DWPI                      Oct 11, 2000

DERWENT-ACC-NO: 1999-371096  
DERWENT-WEEK: 200052  
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TITLE: Subunits of calcium channels

INVENTOR: HARPOLD, M; STAUDERMAN, K ; WILLIAMS, M ; HANS, M ;  
URRUTIA, A ; WASHBURN, M S

PRIORITY-DATA: 1998US-0188932 (November 10, 1998),  
1997US-0984709 (December 3, 1997)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
EP 1042468 A2	October 11, 2000	E	000	C12N015/12
WO 9928342 A2	June 10, 1999	E	169	C07K014/00
AU 9918026 A	June 16, 1999	N/A	000	C07K014/00

INT-CL (IPC): C07K 14/00; C07K 14/705; C07K 16/28; C12N 5/10;  
C12N 15/12; G01N 33/68

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWMC	Draw Desc	Image
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US-PAT-NO: 5770447  
DOCUMENT-IDENTIFIER: US 5770447 A

TITLE: Cell Line for the rapid expression of functional calcium channels

DATE-ISSUED: June 23, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Offord; James David	Ann Arbor	MI	N/A	N/A

US-CL-CURRENT: 435/369; 435/7.1, 435/7.21

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Draw Desc	Image
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☐ 3. Document ID: US 5712158 A

L4: Entry 3 of 5 File: USPT Jan 27, 1998

US-PAT-NO: 5712158  
DOCUMENT-IDENTIFIER: US 5712158 A

TITLE: Cell line for the rapid expression of functional calcium channels

DATE-ISSUED: January 27, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Offord; James David	Ann Arbor	MI	N/A	N/A

US-CL-CURRENT: 435/369; 435/69.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Draw Desc	Image
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☐ 4. Document ID: AU 9960217 A, WO 200015845 A1

L4: Entry 4 of 5 File: DWPI Apr 3, 2000